



KALAMAZOO MACHINE TOOL

We are pleased to quote our XT320A-NC fully automatic double column bandsawing machine.

Our machine is a true shuttle-vise machine. Two saw vises ensure the material is clamped and never released during all feeding and sawing operations, and the material may be positioned jogged and positioned precisely beneath the blade as desired.

Barfeeder powered via ball screw for maximum accuracy.



Operation is straightforward, and uses the same programmable control we've used for several years on our automatic cold saws. The machine may be used as a single cut (semi-automatic) or fully automatic machine to repetitively cut your material to length. You program the length, size of material, blade speed and quantity at the keyboard. Sawfeed controls are done with precision control valves.

OPERATORS CONTROLS



SAW DOWNFEED CONTROLS



VIEW OF VISING

Note: Feeder vise feeds up close to sawblade and main saw vise holds on outboard side of blade; both vises clamped during sawing.



Model KT320A-NC

SPECIFICATIONS

Capacity in round material:	12"
Capacity in rectangular material:	12" x 13"
Blade Speeds:	60-360 sfpm
Blade width:	1 1/4"
Blade Tension	Hydraulic
Blade Guides	Carbide with rollers
Vises	Hydraulic
Feeder vise single stroke	78"
Multiple Index	Unlimited
Feed length accuracy	plus/minus 0.010"
Minimum remnant end	3"
Blade Drive	4 HP
Hydraulic Drive	1 1/2 HP
Coolant Motor	1/8 HP
Weight	4,000 lb.

Standard Equipment

One HSS bi-metal sawblade	Low-volt control
Low-volt/undervolt shutoff	Blade tension indicator
Broken blade shutoff	Powered blade cleaning brush
Removable chip tray	Chip conveyor
Infeed vertical material guide support rollers	TEFC 3 phase drive motor
Variable vise clamping pressure	Full Blade Guarding
Totally enclosed worm gear transmission	Full Coolant System, Flushing hose
Operators Manual/Parts list/Schematics	Tools

Additional design and construction features that make our machine stand out amongst the competition are:

- Our blade is longer than comparable machines, meaning much less blade fatigue
- Our bandwheels are larger diameter than comparable machines, meaning much less blade fatigue
- Our leftover material remnant is shorter than most comparable machines
- Our sawframe has a double arch construction which dampens vibration and has greater strength, less flexing, less vibration, and greater blade life
- Our blade guides are carbide (of course) but we also use large diameter bearings to remove the initial blade twist. We believe we have the most friction-free blade guides on the market today, while at the same time providing very rigid blade support for precise and true sawing.
- Our machine automatically detects the cutoff point and the material height, eliminating two of the settings that must be made by the operator on most competitive machines.

Machine Price **\$39,500**

Included: Full operator training at your facility. (machine must be in place, with power & conveyors in place)